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**JAPANESE PATENT OFFICE****PATENT ABSTRACTS OF JAPAN**(11)Publication number: **07266615**(43)Date of publication of application: **17.10.1995**

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B41J 2/44**B41J 2/45****B41J 2/455****G03G 21/00**(21)Application number: **06059343**(71)Applicant: **TEC CORP**(22)Date of filing: **29.03.1994**(72)Inventor: **HARA HIROSHI****(54) ELECTROPHOTOGRAPHIC APPARATUS**

(57)Abstract:

PURPOSE: To easily perform printing of high quality even in a toner saving mode by simple constitution.

CONSTITUTION: In an electrophotographic apparatus wherein a photosensitive drum is charged and subsequently exposed to a laser diode 18 on the basis of printing data to form an electrostatic latent image which is, in turn, developed by toner to form a toner image to transfer the same to transfer paper, a relatively large usual current value for allowing the laser diode to emit beam and a saving current value set to a value lower than the usual current value are selected on the basis of code signals (a), (b), (c) at the time of usual printing. A laser diode driving circuit 19 supplying the current corresponding to the current value to the laser diode and a saving mode changeover switch performing the setting of a toner saving mode and a usual mode are provided. When the toner saving mode is set by the saving mode changeover switch, code signals (a), (b), (c) for supplying the current corresponding to the saving current value to the laser diode are supplied to the laser diode driving circuit.

